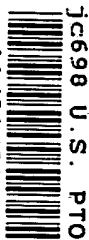


11/09/01



jc698 U.S. PTO

12-10-01

**NON-PROVISIONAL
UTILITY PATENT APPLICATION
TRANSMITTAL - 37 CFR 1.53(b)**

☐ Duplicate
(check, if applicable)

A
Sequence



Assistant Commissioner for Patents
BOX PATENT APPLICATION
Washington, DC 20231

Attorney Docket No. 9855-26U3
First Named Inventor: Cesare Peschle
Express Mail Label No. EL916936540US
Total Pages of Transmittal Form: 2

Transmitted herewith for filing is the non-provisional utility patent application entitled:

**COMPOSITIONS AND METHODS FOR GENERATING
DIFFERENTIATED HUMAN CELLS**

which is:

an ☐ Original; or

a ☐ Continuation, ☐ Divisional, or ☒ Continuation-in-part (CIP)
of prior Application No. 09/322,352 filed on May 28, 1999.

Anticipated Group/Art Unit: &@ or Class &@, Subclass &@.

☒ This non-provisional patent application is based on Provisional Patent Application No. 60/087,153 filed May 29, 1998.

Enclosed are:

- ☒ Specification (including Abstract) and claims: 80 pages.
- ☒ Application Data Sheet.
- ☒ Non-executed Declaration.
- ☐ Copy of Declaration from prior application.
- ☐ Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).
- ☒ 10 sheets of formal drawings.
- ☐ Transmittal Letter Accompanying Submission of Compact Disc in Accordance with 37 C.F.R. §1.52(e), plus two identical compact discs (for computer program Appendix)
- ☒ Nucleotide and/or Amino Acid Sequence Submission, including:
 - ☒ Computer readable copy ☒ Paper Copy ☒ Verified Statement.
- ☐ Under PTO-1595 Cover Sheet, an assignment of the invention
- ☒ Name of Assignee: Thomas Jefferson University
- ☐ Certified copy(ies) of &@ Application No(s). &@ filed &@ is/are filed:
 - ☐ herewith or ☐ in prior application &@.
- ☐ Applicant(s), by its/their undersigned attorney, claim(s) Small Entity Status under 37 C.F.R. §1.27 as ☐ an Independent Inventor, or ☐ a Small Business Concern, or ☐ a Non-Profit Organization.
- ☒ Preliminary Amendment.
- ☐ Information Disclosure Statement, PTO/SB/08A, and cited references.

- ☐ Request for Nonpublication of Application Under U.S.C. §122(b)
☐ Other: &@

The filing fee is calculated as follows:

			SMALL ENTITY			LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE:			BASIC FEE:	
			\$370			\$740	
Total	22-20 =	2	X9	\$ 18.00	OR	X18	\$
Independent	6- 3=	3	X42	\$ 126.00	OR	X84	\$
<input type="checkbox"/> Multiple Dependent Claims Present			\$140	\$	OR	\$280	\$
			TOTAL	\$ 514.00	OR	TOTAL	\$

- ☐ The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts.
- ☒ A check in the amount of \$514.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-1017 (Billing No. 209855-0088)** as noted below. A duplicate copy of this sheet is enclosed.
- ☒ Any overpayments or deficiencies in the above-calculated fee.
- ☐ Filing fee in the amount of \$ _____ as calculated above.
- ☒ Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.
- ☒ In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

CORRESPONDENCE ADDRESS:

9 November 2001
 (Date)

By:

GARY B. COLBY, Ph.D., J.D.

Registration No. 40,961

AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.

One Commerce Square

2005 Market Street - Suite 2200

Philadelphia, PA 19103

Telephone: 215-965-1200

Direct Dial: 215-965-1285

Facsimile: 215-965-1210

E-Mail: &gcolby@akingump.com

☒ Customer Number or Bar Code Label: **000570**

GDC/cc

Enclosures

EXPRESS MAIL NO. EL916936540US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re: Patent Application of : Group Art Unit: Not Yet Assigned
Cesare Peschle :
:
Appln. No.: Not Yet Assigned : Examiner: Not Yet Assigned
:
Filed: Herewith :
:
For: COMPOSITIONS AND METHODS FOR : Attorney Docket No.
GENERATING DIFFERENTIATED : 9855-26U3
HUMAN CELLS : (PES01-NP002)

**STATEMENT TO SUPPORT FILING AND SUBMISSION
IN ACCORDANCE WITH 37 CFR §§ 1.821 THROUGH 1.825**

- (X) I hereby state, in accordance with the requirements of 37 C.F.R. §1.821(f), that the contents of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 C.F.R. §1.821(c) and (e), respectively are the same.

Respectfully submitted,

CESARE PESCHLE

9 November 2001

(Date)

By: 

GARY D. COLBY, Ph.D., J.D.

Registration No. 40,961

AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.

One Commerce Square

2005 Market Street - Suite 2200

Philadelphia, PA 19103

Telephone: 215-965-1200

Direct Dial: 215-965-1285

Facsimile: 215-965-1210

E-Mail: gcolby@akingump.com